

# MUNICIPAL STORMWATER PERMITS

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Western Washington Phase I and  
Phase II Municipal Stormwater  
Permits



# TODAYS AGENDA



10:00 – Introduction and overview of S1 – S4

**10:45 – Break**

11:00 – SWMP for Phase II permit

**12:30 – Lunch**

1:30 – Q&A

2:00 – Overview of S6 – S9

3:00 – Phase I Permit

3:30 – Wrap-up and next steps

# INTRODUCTION AND OVERVIEW OF PERMITS

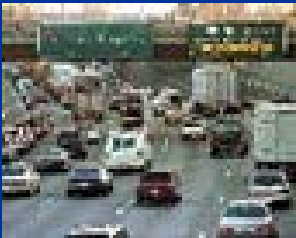
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- Introduction
- History/background
- S1- Permit Coverage Area and Permittees
- S2 – Authorized Discharges
- S3 – Responsibilities of Permittees
- S4 – Compliance With Standards



# INTRODUCTION

- Permit development process
  - Preliminary draft permit/final permit
- Permit development schedule
  - Public comment period on draft permits: February 15 – May 19, 2006
  - Permit issuance no earlier than late September 2006



# Public Workshops and Hearing

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- Workshops - General
  - 3/31 – Mount Vernon (W. WA)
  - 4/4 – Tacoma (W. WA)
  - 4/11 – Vancouver (W. WA)
  - 4/18 – Bellevue (W. WA)
- Public Hearing
  - 5/2 – Tacoma (W. WA)



# History/Context

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- 1987 CWA Amendments
- Puget Sound Water Quality Management Plan ('86)
- Phase I Municipal Stormwater Permits
- EPA Phase II Rules
- Tri-County ESA response
- 2004 Report to the Legislature

# INTRODUCTION AND OVERVIEW OF PERMITS

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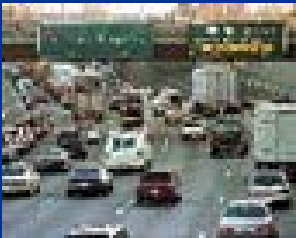
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# S1 – Permit Coverage Area and Permittees

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- Geographic Area
- Jurisdictions
- Applications





# S1 – Permit Coverage Area and Permittees

## What must be regulated?

- Municipal Separate Storm Sewer Systems (MS4s) located within census defined urbanized areas<sup>1</sup> and which discharge to surface waters

1. Phase II only, phase I applies to entire jurisdiction.

# What is an *MS4*?

## Municipal Separate Storm Sewer System or MS4:

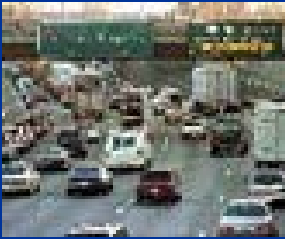
A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) **which is:**

- Owned by a State, City, County, or other public entity; and
- Designed or used for collecting or conveying stormwater.



# Census Defined Urbanized Area

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A central place (or places) and the adjacent densely settled surrounding territory that together have a minimum residential population of 50,000 people and a minimum average density of 1,000 people per square mile.

# Census Defined Urbanized Areas in Washington

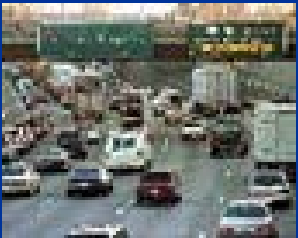
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- Bellingham
- Bremerton
- Longview/Kelso
- Marysville
- Mount Vernon
- Olympia/Lacey
- Seattle





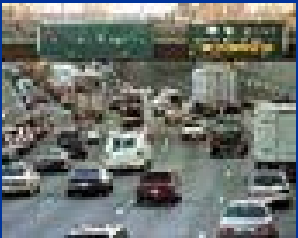
# Phase I - Area Covered



- Entire unincorporated area of Clark, King, Pierce, and Snohomish Counties, and
- Area within the cities of Seattle and Tacoma

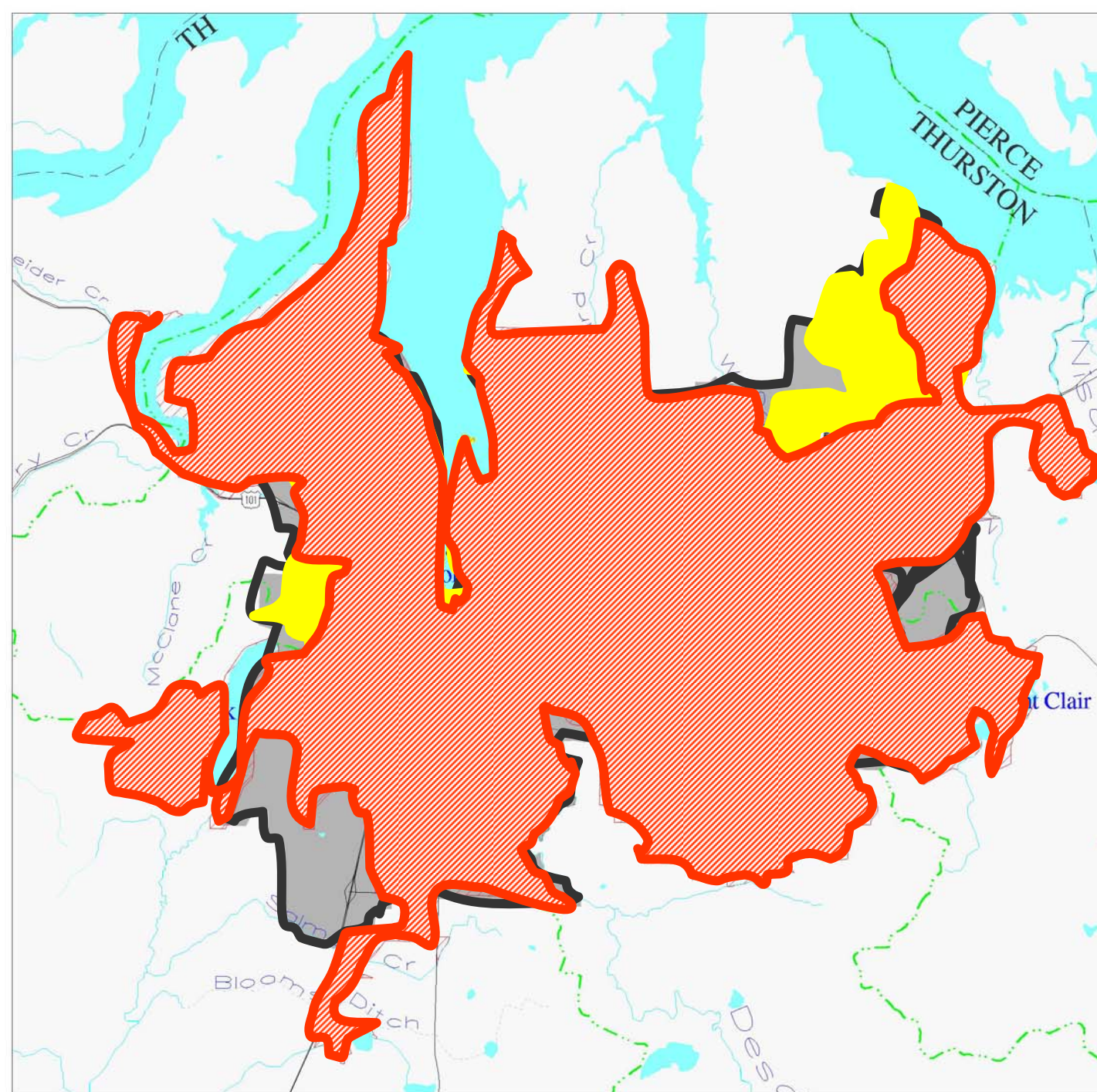


## Phase II - Area Covered



- Census defined urban areas
- For regulated cities; entire incorporated city
- For regulated counties; area is census defined urban areas and associated urban growth areas





## Olympia/Lacey Urban Area

- Incorporated City
- 2000 Census Urban Area
- Urban Growth Area
- County
- WRIA Boundary
- Highways
- Rivers/Streams

### Representational Feature Source:

Urban Areas – USDOC/Census, 2000, 1:500,000  
 Urban Growth Areas – WOFM 2001, 1:100,000  
 Counties – Ecology/WDNR, 2002, 1:24,000  
 Cities – WDOT, 2003, 1:24,000  
 WRIA – Ecology, 2002, 1:24,000  
 Highways – WDOT, 2001, 1:24,000  
 Hydrography – Ecology/WDFW, 1998, 1:100,000

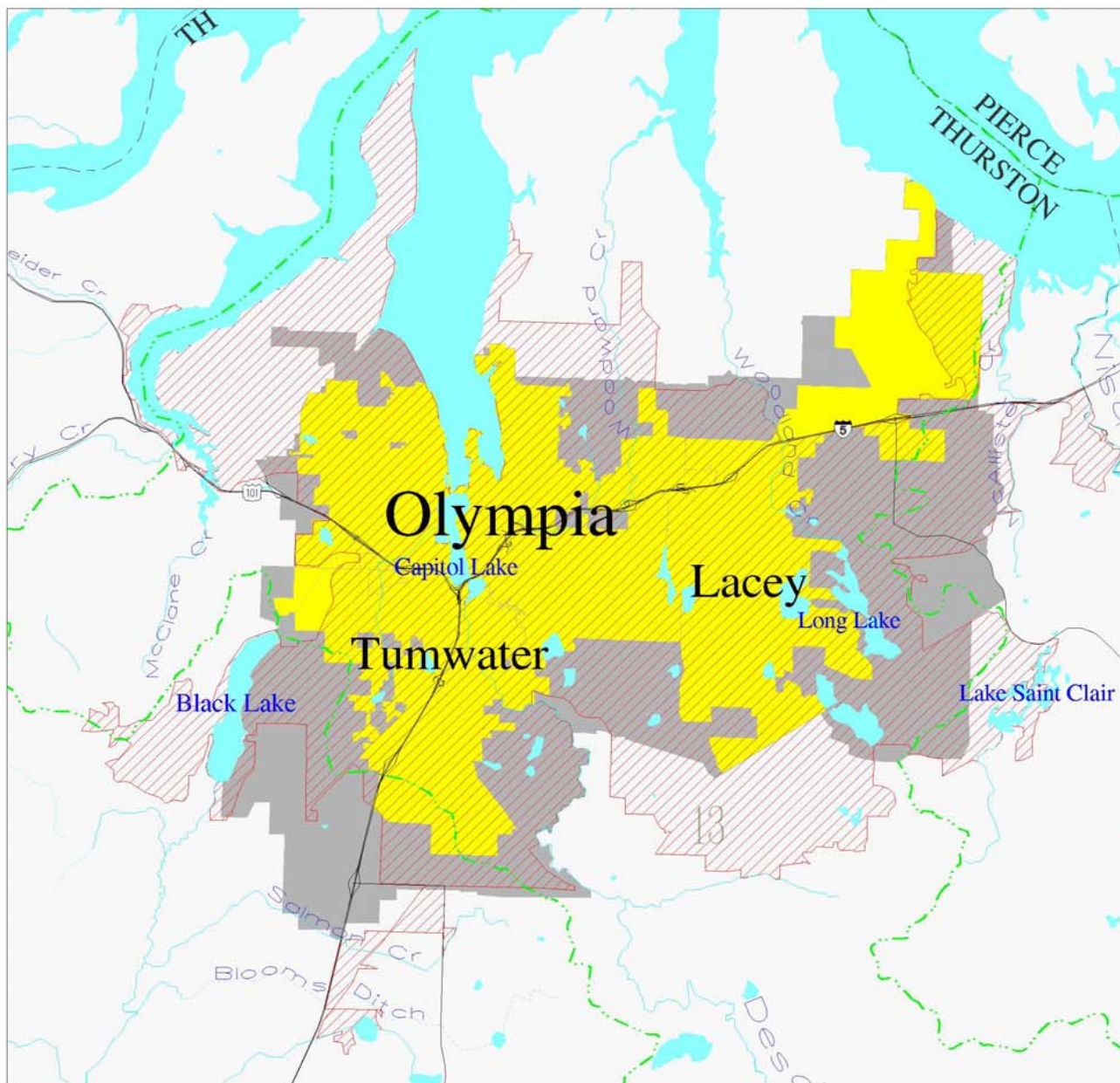


Water Quality Program



WASHINGTON STATE  
DEPARTMENT OF  
**ECOLOGY**

GIS Technical Services  
09/03/03  
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### Water Quality Program

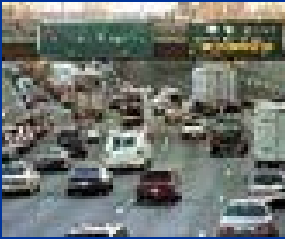


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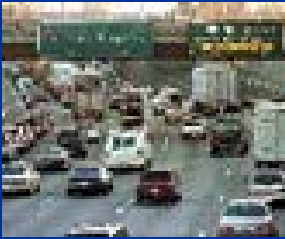
# Phase I Municipal Stormwater



Publicly owned storm sewers located in:

- King, Pierce, Snohomish, and Clark counties,
- The cities of Seattle and Tacoma, and
- Secondary permittees within those jurisdictions

# Phase II Cities and Counties



- 81 Cities\*
- 5 Counties\*
- Secondary permittees

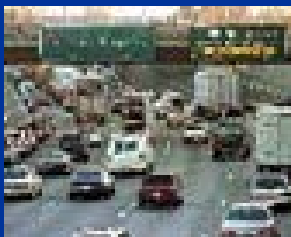
\* The number above includes the Aberdeen, Anacortes, Centralia, Oak Harbor and Port Angeles. See S1.D.2.a of the phase II permit for a complete list.

# Secondary Permittees - Phase I and Phase II

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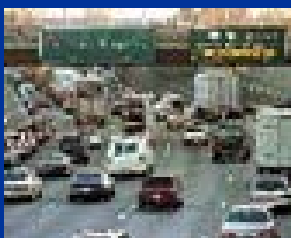
Examples include:

- Ports
- Universities (public only)
- Drainage districts
- Flood control districts
- WSDOT (will be covered under a separate permit)





# S1 – Applications



- Applications were due March 10, 2003
- Applications or notice of intent (NOIs) submitted after 2/15/06 must include public notice of the application

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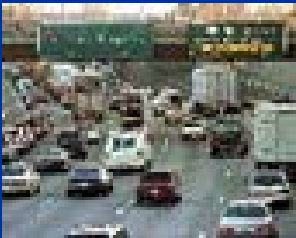
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## S2 – Authorized Discharges



**Discharges** from municipal separate storm sewers located within the **geographic area** covered by the permit.

- **Discharges to:**
  - Surface waters – Federal and State law
  - Ground waters – State law



## S2 – Authorized Discharges

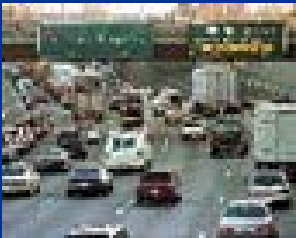


**Discharges** from municipal separate storm sewers located within the **geographic area** covered by the permit.

- **Geographic area:**
  - Phase I – entire city and entire unincorporated county
  - Phase II – entire city, and unincorporated county within UGA or census defined urban area
  - Secondary permittees – area served by the secondary permittees MS4



# What is **NOT** covered –



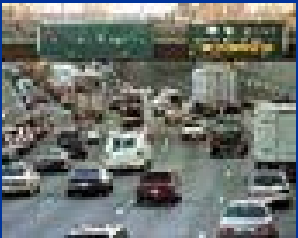
- Direct discharges to surface or ground water from **privately owned** storm sewers
- Sediment and erosion control from sites less than 1 acre (*phase II only*)
- Post construction stormwater from new development and re-development from sites less than 1 acre (*phase II only*)





## S2 – Authorized Discharges

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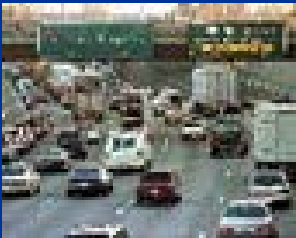


“Permits for municipal storm sewers shall include a requirement to effectively prohibit non-stormwater discharges into the storm sewers.”

(§ 1342(p)(3)(B)(ii) of the federal Clean Water Act)



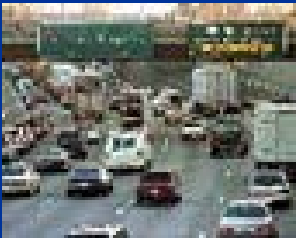
## S2 – Authorized Discharges



- New discharges must receive all applicable state and local permits including compliance with SEPA
- Stormwater discharges from industrial or construction sites authorized if the discharge is covered under one of Ecology's permits.
- Process wastewater is authorized if it is authorized by another NPDES permit



## S2 – Authorized Discharges



- Discharges from emergency firefighting activities are authorized, discharges associated with **firefighting training activities** are not
- Some other non-stormwater discharges are conditionally authorized

# Relationship to Other Permits

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- Construction Stormwater General Permit
- Industrial Stormwater General Permit
- Under Ground Injection Control Program

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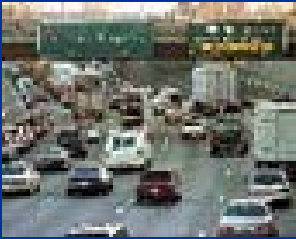
# S3 – Responsibilities of Permittees



- Cities, towns and counties – must comply with all conditions of the permit except **S6** – Stormwater Management Program for Secondary Permittees
- Secondary Permittees – must comply with everything except **S5** – Stormwater Management Program for Cities, Towns, and Counties; and **S8** – Monitoring

# S3 – Responsibilities of Permittees

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- Permittees may rely on another entity to meet one or more of the requirements of the permit.

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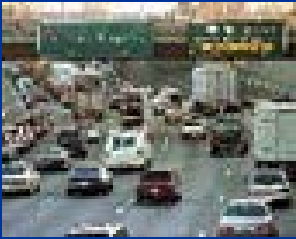
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# S4 – Compliance with Standards

- Discharge of toxicants which would violate state water quality standards is prohibited (RCW 90.48.520)



# S4 – Compliance with Standards

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- Permit does not authorize violations of state water quality standards including surface, ground, or sediment standards



# S4 – Compliance with Standards



- Compliance with the permit constitutes:
- Compliance with the federal maximum extent practicable (MEP) standard;
  - Compliance with the state all known, available and reasonable methods of prevention, control and treatment (AKART) standard
  - Progress towards compliance with state water quality standards

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